



# Preliminary Assessment

1401 Diamond Head Oil Refinery Division  
Harrison Turnpike (Rt. 508)  
Kearny, Hudson Co.

07032

→ 80,000 sq. ft

5.5 Acres

SEC. JEROME E. ROSEN

SIC CODE 2911

Recycled used Lubricating  
oils

308879





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. SITE NAME AND LOCATION

01 SITE NAME (Agency, institution, or descriptive name of site)

Diamond Head Oil Refinery Div.

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

1401 Harrison Turnpike (Rt. 508)

03 CITY

Kearny

04 STATE

NJ

05 ZIP CODE

06 COUNTY

Hudson

07 COUNTY CODE

08 CONG DIST

09 COORDINATES LATITUDE

40 44 22.1

LONGITUDE

74 42 24.1

Block 285, Lot 3

10 DIRECTIONS TO SITE (Starting from nearest public road)

N.J. Turnpike to 15 W. Follow signs for Kearny (Rt. 508). Site is located on the left hand side as soon as you get onto Harrison Turnpike.

III. RESPONSIBLE PARTIES

01 OWNER of property

Mimi Urban Dev. Corp.

02 STREET (Industrial, mining, residential)

525 Riverside Ave.

03 CITY

Lyndhurst

04 STATE

NJ

05 ZIP CODE

07071

06 TELEPHONE NUMBER

( )

07 OPERATOR (If known and different from owner)

Diamond Head Oil

08 STREET (Industrial, mining, residential)

140 Harrison Tpk.

09 CITY

Kearny

10 STATE

NJ

11 ZIP CODE

12 TELEPHONE NUMBER

( )

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER

☐ G. UNKNOWN

OWNER/OPERATOR NOTIFICATION ON FILE (Check one)

☐ A. RCRA 3001 DATE RECEIVED:

MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (CERCLA 102(c))

DATE RECEIVED:

MONTH DAY YEAR

☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

5 / 3 / 85

☐ NO

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☒ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☐ A. ACTIVE

☒ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

BEGINNING YEAR

ENDING YEAR

☒ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Substances possibly present include typical volatile compounds and heavy metals found in oils and refinery by-products. (Attachment B)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Site is easily accessible to the public. Also site is located next to a wetland so the potential for surface water contamination is high. (Attachment C)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Identification and Part 3 - Description of Hazardous Constituents and Incidents)

☒ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspect on next available date)

☐ D. NONE

(No further action needed. Complete future inspection later)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

John Potapa

02 OF (Agency/Original name)

N.J. Dept of Transportation

03 TELEPHONE NUMBER

609' 292-3151

04 PERSON RESPONSIBLE FOR ASSESSMENT

Helen Kornitas

05 AGENCY

NJDEP

06 ORGANIZATION

HSMA

07 TELEPHONE NUMBER

609' 633-2218

08 DATE

09 23 85

MONTH DAY YEAR



## EPA FORM 2070-12 (7-61)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION  
01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Various oil spills and on-site lagoons may cause groundwater contamination.

(Attachment C)

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Sampling of on-site lagoons shows hazardous contaminants. This may run off into nearby Franks Creek. (Attachment B)

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ E. GATE SECURITY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Although the site is fenced, the gate is not locked. Anyone has access to the site (Attachment C)

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: 5/3/85)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

Sampling results show high levels of contamination. (Attachment B)

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

Drinking water in this area is by public supply.

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

The site is easily accessible, therefore potential population exposure is high. (Attachment C)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (INCLUDE NUMBER OF SPECIES)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Leak, spill, overflowing drums, leaking drums)

02 ☒ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

Two lagoons on-site with no sound diking system (Attachment C)

01 ☒ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 12/12/77)

☐ POTENTIAL

☐ ALLEGED

Large quantities of ponded oil off-site delayed the construction of I280  
(Attachment D)

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 5/3/85)

☐ POTENTIAL

☐ ALLEGED

Site inspection by SEU revealed evidence of recent on-site dumping.  
(Attachment C)

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

This site may be a potential problem if anyone tries to develop the land.

III. TOTAL POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

IV. COMMENTS

As of this writing, NJDEP is not involved with the case.

V. SOURCES OF INFORMATION (List sources, references, etc. in this field. Attachments, if any, should be listed.)

Memo from W. Shader 12/15/77 (Attachment D)

Diamond Head Oil Refinery Div.  
Harrison Turnpike (Rt.508)  
Kearny, Hudson Co.

Diamond Head Oil Refinery Division is a 5 acre site located in Kearny, Hudson County. Although not too much is known about the operation of the company, it is known that Diamond Head contaminated the property.

Over the years, this has been a controversial piece of land. In 1978, NJDOT was delayed in the construction of I280 because of oily runoff coming from the Diamond Head property. In 1985, NJDEP-SEU sampling results revealed the presence of several hazardous contaminants in the soil and surface waters on the site.

In January 1985, the owners of the property sold the land to Mimi Urban Development Corp. There is a concern that the development corporation may not properly dispose of the contaminated soil. There is also concern because the site is situated in a marshland so there is a high potential for surface water contamination.

Submitted by:  
Helen Kornitas  
HSMS IV